

# ThinkPad T16 Gen 1 (Intel) 21BV009YGM

## PSREF

Product Specifications  
Reference

### PERFORMANCE

#### Processor

Intel® Core™ i7-1255U, 10C (2P + 8E) / 12T, P-core 1.7 / 4.7GHz, E-core 1.2 / 3.5GHz, 12MB

#### Graphics

Integrated Intel Iris® Xe Graphics functions as UHD Graphics

#### Chipset

Intel SoC Platform

#### Memory

16GB Soldered DDR4-3200

#### Memory Slots

One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable

#### Max Memory

Up to 48GB (16GB soldered + 32GB SO-DIMM) DDR4-3200

#### Storage

1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal2

#### Storage Support

One drive, up to 2TB M.2 2280 SSD

#### Storage Slot

One M.2 2280 PCIe Gen 4x4 slot, supports M.2 2280 SSD

#### Optical

None

#### Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

#### Speakers

Stereo speakers, 2W x2, Dolby® Audio™

#### Camera

IR & FHD 1080p with Privacy Shutter

#### Microphone

2x, Array

#### Battery

Integrated 52.5Wh

#### Power Adapter

65W USB-C® (3-pin)

### DESIGN

#### Display

16" WUXGA (1920x1200) IPS 300nits Anti-glare

#### Touchscreen

None

#### Color Calibration

None

#### Keyboard

Backlit, Greek

#### Case Color

Thunder Black

#### Case Material

PC 50% GF + PC 20% CF (Top), PPS (Bottom)

#### Dimensions (WxDxH)

361.9 x 255.5 x 20.5 mm (14.25 x 10.06 x 0.81 inches)

#### Weight

Starting at 1.65 kg (3.64 lbs)

### SOFTWARE

#### Operating System

Windows® 11 DG Windows 10 Pro 64, Greek / English

#### Bundled Software

None

### CONNECTIVITY

#### Ethernet

100/1000M

#### WLAN + Bluetooth®

Intel AX211 Wi-Fi® 6E, 2x2 + BT5.1

#### WWAN

WWAN Upgradable to 4G

#### SIM Card

None

#### NFC

None

#### Standard Ports

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 2x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4)
- 1x HDMI®, up to 4K/60Hz
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)

#### Optional Ports (configured)

1x Smart Card Reader + 1x Nano-SIM Card Slot

#### Docking

Various docking solutions supported via Thunderbolt / USB-C.

For more compatible docking solutions, please visit [Docking for ThinkPad® T16 Gen 1 \(Intel\)](#)

#### Monitor Cable

None

### SECURITY & PRIVACY

#### Smart Card Reader

Smart Card Reader

#### Security Chip

Discrete TPM 2.0

#### Fingerprint Reader

Touch Style, Match-on-Chip

#### Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

#### Other Security

- Human Presence Detection (software)
- Camera privacy shutter
- Glance by Mirametrix®

### MANAGEABILITY

#### System Management

Non-vPro

### SERVICE

#### Base Warranty

3-year, Depot

#### Included Upgrade

3Y Premier TP Main HB (CPN) (5WS1B00998)

### ACCESSORIES

#### Bundled Accessories

None

### CERTIFICATIONS

#### Green Certifications

- EPEAT™ Gold
- ENERGY STAR® 8.0
- ErP Lot 3
- TCO Certified 9.0
- RoHS compliant

#### Mil-Spec Test

MIL-STD-810H military test passed

### MODEL

TopSeller : Yes

Announce Date : 2022-05-31

EAN / UPC / JAN : 0196801527799

End of Support : N/A

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· Product image on this page is a sample, it may not match the real color of this model

· Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences

## Premier Support - A direct 24x7x365 line to our most elite technicians.

Advanced technical support, 24x7x365, in more than 100 markets

Technical Account Managers for proactive relationship and escalation management

Comprehensive hardware & OEM software support

Priority on service delivery and repair parts

Single point of contact for simplified end-to-end case management

Lenovo Service Connect Portal for customized reporting and product support

## Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

## Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

## Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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## Recommended Accessories

### ThinkPad USB-C Dock Gen 2

40AS0090US

- Lenovo understands that modern business depends on a wide variety of PC's and even brands to meet their business needs. To make this easier Lenovo USB-C dock is compatible with Lenovo notebooks as well as note...

## Recommended Services

BEST	5Y Premier Support upgrade from 3Y Premier Support (5WS0W86735)
BETTER	4Y Premier Support upgrade from 3Y Premier Support (5WS0W86726)

For a full list of accessories and services, please visit:  
<https://smartfind.Lenovo.com>

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